

# DNA Test Report

*Animal Molecular Genetics Laboratory  
University of Missouri  
College of Veterinary Medicine*



## **Owner Information**

*Owner:* Elisabeth Gardner  
*Address:* 1878 South SB Ranch Rd  
*City-St-Zip:* Sierra Vista, AZ 85650

## **Dog Information**

*Call Name:* Queen *Breed:* English Springer Spaniel  
*Registered Name:* Queen-Elisabeth vom King Charles  
*Reg Number:* SR46048701  
*Sex:* Female *Birthdate:* 10/30/2007

*AMGL Case #:* 61762 *DNA Source:* FTA-swab

*Testing Date:* 10/29/2008

*Test Run:* PRA – Progressive Retinal Atrophy *Result:* Normal

## **Explanation of results:**

**NORMAL:** This dog has tested normal (or clear) for the mutation causing the cone-rod form of PRA prevalent in this breed. It can only transmit a normal gene to offspring, and can be bred to a dog with any test result without producing affected offspring.

**CARRIER:** This dog has tested as a carrier for the mutation causing the cone-rod form of PRA prevalent in this breed. It is very unlikely to develop this form of PRA, but it may transmit either a normal gene or an affected gene to offspring.

**AFFECTED:** This dog has tested as affected for the mutation causing the cone-rod form of PRA prevalent in this breed. It is at risk for developing clinical symptoms of PRA at some point in its lifetime. We do not presently have a way to predict when symptoms may appear.

Additional details available online at [www.CanineGeneticDiseases.net](http://www.CanineGeneticDiseases.net), in PRA section.